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NSLS Town Meeting

The next NSLS Town Meeting is set for Friday, February 25 2000 from 1:00 to 3:00 p.m. in the NSLS Seminar Room. All are invited to address any issues or concerns. NSLS Chairman Michael Hart will give an update on the NSLS. Assoc. Chairman ESH Bob Casey will discuss the Integrated Management System (ISM), Standards Based Management at BNL and Facility Use Agreements. Also to be discussed: VUV fill issues, Phase III, 2000 Users' Meeting, BNL Shuttle, and CAC update. Please contact Barbara Illman, User Executive Committee Chairperson, at or billman@facstaff.wisc.edu (608) 231-9231 if you like an item added to the agenda.

NSLS 2000 Users' Meeting

Last opportunity to request the NSLS 2000 Users' Meeting Registration Packet. To receive a packet, go to: <http://nslsweb.nsls.bnl.gov/nsls/users/meeting/2000/request-pkt.htm>. The meeting will include discussions on the outlook for BNL by Lab Director John Marburger and NSLS Chairman Michael Hart. We will have a discussion of the perspective from Washington, D.C. by Arthur Bienenstock (White House Science Advisory Office staff and former director of SSRL), and we are hoping that Senator Charles Schumer (D-NY) will be able to join us as well. The program will also include a discussion of new developments in the use of synchrotron radiation, and new areas of x-ray science. Bob Sweet (BNL-Biology) will describe progress towards allowing protein crystallography users to send their samples by overnight mail, and operate the beamline for data collection through the internet. Janos Hajdu (Uppsala University) will discuss structure determination with picosecond x-ray pulses today, and possibly femtosecond pulses in the future. Igor Pogorelsky (BNL) is tentatively scheduled to discuss new developments in the making of fast x-ray pulses at the Accelerator Test Facility at Brookhaven. This will be followed by a user forum with the Science Advisory Committee for the NSLS.

Sign Up Now for Rapidata 2000 Course

"Rapid Data Collection and Structure Solving at the NSLS: A Practical Course in Macromolecular X-Ray Diffraction Measurement, Biology Department and National Synchrotron Light Source, BNL, offered 9-14 April 2000. Synchrotron radiation has become an indispensable tool for many macromolecular crystallography groups. Synchrotron beam time is such a scarce commodity that it pays for some workers to enhance their skills by participating in an intensive hands-on training program. To provide such an educational experience, we have designed a course in Rapid Data Collection and

Structure Solving. It will be sponsored in part by a grant from the National Center for Research Resources of the National Institutes of Health. In this course we will develop the ideas behind conventional methods for diffraction data collection, will emphasize aspects unique to the synchrotron experience (MAD phasing, rapid structure solving), and will give students practical experience in work on their own specimens. Course website:

http://www.x12c.nsls.bnl.gov/rr_course_2k/course_announce.html. Application materials may be found at: http://www.x12c.nsls.bnl.gov/rr_course_2k/applic.html Report of last-years course can be found at: http://www.x12c.nsls.bnl.gov/rr_course/

Gwyn Williams Embarks on New Scientific Project

We wish all the best to Gwyn Williams as he takes leave of absence from BNL to embark on a new scientific project at the T. Jefferson National Accelerator Facility in Newport News, Virginia. Gwyn, a scientific staff member at BNL since 1979, has been instrumental in initiating and developing the infrared beamline programs at the NSLS. Gwyn will lead the development of scientific programs for the infrared free-electron laser at Jefferson Lab.

Observed Holiday

BNL will be observing President's Day on February 21, 2000. First-time users and those with expired appointments who plan to perform experiments at the NSLS on February 21 should arrive at NSLS User Administration no later than Friday February 18 between 8:00 a.m. and 3:00 p.m. for registration and training.

User Obligations and Reminders

All users must pre-register with NSLS User Administration to gain access to BNL. Go to: <http://nslsweb.nsls.bnl.gov/nsls/dbforms/user-regis.asp>.

All foreign nationals must submit Form IA-473 (in some cases, 90 days in advance). Go to: <http://nslsweb.nsls.bnl.gov/nsls/users/procedures/foreign.htm>

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